

10-12-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 81862.P261

(maximum 12 characters)

First Named Inventor Jayakumar JayakumarTitle: METHOD AND SYSTEM FOR ASSIGNING MULTIPROTOCOL LABEL SWITCHING (MPLS) VC (VC) LABELS WHEN TRANSPORTING ASYNCHRONOUS TRANSFER MODE (ATM) DATA OVER MPLS NETWORKExpress Mail Label No. EL546267851US

ADDRESS TO: Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, D. C. 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**  
 (Submit an original, and a duplicate for fee processing)
2.        **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 24)**  
 (preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
     or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. X **Drawings(s) (35 USC 113) (Total Sheets 7)**
5. X **Oath or Declaration (Total Pages 6)**
  - a. X Newly Executed (Original or Copy)
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
 (for Continuation/Divisional with Box 18 completed)
    - i.        DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c.        Unsigned.
6.        **Application Data Sheet. (37 CFR 1.76)**
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statement verifying identity of above copies

2/15/01

# **ACCOMPANYING APPLICATION PARTS**

9. ☒ **Assignment Papers (cover sheet & documents(s))**
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- ☒ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ a. Information Disclosure Statement (IDS)/PTO-1449
- ☐ b. Copies of IDS Citations
13. ☐ **Preliminary Amendment**
14. ☒ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. ☐ Other: \_\_\_\_\_

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
**Of Prior Application No.:** \_\_\_\_\_ **Examiner** \_\_\_\_\_ **Group Art Unit** \_\_\_\_\_  
 (which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_,  
 which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**Applicant(s):** Also include a Preliminary Amendment to amend the specification to claim priority.  
**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is  
 the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an  
 assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_  
 (or a copy of which is attached).

## **19. Correspondence Address**

☒ Customer Number or Bar Code Label \_\_\_\_\_ 08791  
 or \_\_\_\_\_  
 (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

NAME Tarek N. Fahmi

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE) Tarek N. Fahmi

Registration No.: 41,402

Signature: Tarek N. Fahmi

Date: 10/10/01

**FEE TRANSMITTAL FOR FY 2002****TOTAL AMOUNT OF PAYMENT (\$)** 864.00**Complete if Known:****Application No.** Not Yet Assigned**Filing Date** Filed Herewith**First Named Inventor** Jayakumar Jayakumar**Group Art Unit** Not Yet Assigned**Examiner Name** Not Yet Assigned**Attorney Docket No.** 81862.P261**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

**Deposit Account Number** 02-2666**Deposit Account Name** \_\_\_\_\_

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: ☒ Check  
☐ Money Order  
☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>		
101	740	201	370	Utility application filing fee	<u>740.00</u>
106	330	206	165	Design application filing fee	_____
107	510	207	255	Plant filing fee	_____
108	740	208	370	Reissue filing fee	_____
114	160	214	80	Provisional application filing fee	_____
<b>SUBTOTAL (1) \$</b>					<u>740.00</u>

**2. EXTRA CLAIM FEES**

		<u>Extra Claims</u>		<u>Fee from below</u>	<u>Fee Paid</u>
<u>Total Claims</u>	<u>20</u>	<u>- 20** =</u>	<u>20</u>		
				<input checked="" type="checkbox"/>	<u>0</u>
<u>Independent Claims</u>	<u>4</u>	<u>- 3** =</u>	<u>1</u>	<input checked="" type="checkbox"/>	<u>84.00</u>
<u>Multiple Dependent</u>					<u>0</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$** 84.00

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)
Algeria	1975	12.5	4.5	36	100
Algeria	1980	13.5	5.5	41	110
Algeria	1985	14.5	6.5	45	120
Algeria	1990	15.5	7.5	48	130
Algeria	1995	16.5	8.5	51	140
Algeria	2000	17.5	9.5	54	150
Algeria	2005	18.5	10.5	57	160
Algeria	2010	19.5	11.5	59	170
Algeria	2015	20.5	12.5	61	180
Algeria	2020	21.5	13.5	63	190
Algeria	2025	22.5	14.5	64	200
Algeria	2030	23.5	15.5	66	210
Algeria	2035	24.5	16.5	67	220
Algeria	2040	25.5	17.5	69	230
Algeria	2045	26.5	18.5	70	240
Algeria	2050	27.5	19.5	71	250
Algeria	2055	28.5	20.5	72	260
Algeria	2060	29.5	21.5	73	270
Algeria	2065	30.5	22.5	74	280
Algeria	2070	31.5	23.5	75	290
Algeria	2075	32.5	24.5	76	300
Algeria	2080	33.5	25.5	76	310
Algeria	2085	34.5	26.5	77	320
Algeria	2090	35.5	27.5	78	330
Algeria	2095	36.5	28.5	78	340
Algeria	2100	37.5	29.5	79	350
Algeria	2105	38.5	30.5	79	360
Algeria	2110	39.5	31.5	80	370
Algeria	2115	40.5	32.5	80	380
Algeria	2120	41.5	33.5	81	390
Algeria	2125	42.5	34.5	81	400
Algeria	2130	43.5	35.5	82	410
Algeria	2135	44.5	36.5	82	420
Algeria	2140	45.5	37.5	83	430
Algeria	2145	46.5	38.5	83	440
Algeria	2150	47.5	39.5	84	450
Algeria	2155	48.5	40.5	84	460
Algeria	2160	49.5	41.5	84	470
Algeria	2165	50.5	42.5	84	480
Algeria	2170	51.5	43.5	84	490
Algeria	2175	52.5	44.5	84	500
Algeria	2180	53.5	45.5	85	510
Algeria	2185	54.5	46.5	85	520
Algeria	2190	55.5	47.5	85	530
Algeria	2195	56.5	48.5	86	540
Algeria	2200	57.5	49.5	86	550
Algeria	2205	58.5	50.5	86	560
Algeria	2210	59.5	51.5	86	570
Algeria	2215	60.5	52.5	87	580
Algeria	2220	61.5	53.5	87	590
Algeria	2225	62.5	54.5	87	600
Algeria	2230	63.5	55.5	88	610
Algeria	2235	64.5	56.5	88	620
Algeria	2240	65.5	57.5	88	630
Algeria	2245	66.5	58.5	88	640
Algeria	2250	67.5	59.5	88	650
Algeria	2255	68.5	60.5	88	660
Algeria	2260	69.5	61.5	89	670
Algeria	2265	70.5	62.5	89	680
Algeria	2270	71.5	63.5	89	690
Algeria	2275	72.5	64.5	89	700
Algeria	2280	73.5	65.5	89	710
Algeria	2285	74.5	66.5	90	720
Algeria	2290	75.5	67.5	90	73

## Large Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
099	8,800	099	8,800	Request for inter parties reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	For filing a submission after final rejection (see 37 CFR 1.129(a))	
148	110	248	55	Statutory Disclaimer	
149	740	249	370	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
195	300	195	300	Publication fee for early, voluntary, or normal pub.	
196	300	196	300	Publication fee for republication	
194	130	194	130	Request for voluntary publication or republication	
098	130	098	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
091	1,280	091	1,280	Acceptance of unintentionally delayed claim for priority	

Other fee (specify)

Other fee (specify)

**SUBTOTAL (3) \$ 40.00**

\*Reduced by Basic Filing Fee Paid

Typed or Printed Name: Tarek N. Fahmi

**Signature:**

Date:

**Reg. Number:**

**Telephone Number:** (408) 947-8200

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**First Named Inventor Jayakumar JayakumarTitle METHOD AND SYSTEM FOR ASSIGNING MULTIPROTOCOL LABEL SWITCHING (MPLS) VC (VC) LABELS WHEN TRANSPORTING ASYNCHRONOUS TRANSFER MODE (ATM) DATA OVER MPLS NETWORKAttorney Docket No. 81862.P261

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

10/10/01  
DateTarek N. Fahmi  
SignatureTarek N. Fahmi  
Typed or Printed Name41,402  
Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application.

**Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

UNITED STATES PATENT APPLICATION  
FOR  
METHOD AND SYSTEM FOR ASSIGNING  
MULTIPROTOCOL LABEL SWITCHING (MPLS)  
VC (VC) LABELS WHEN TRANSPORTING ASYNCHRONOUS TRANSFER  
MODE (ATM) DATA  
OVER MPLS NETWORK

Inventors:

Jayakumar Jayakumar  
Hariprasad Ginjpalli  
Durai Chinnaiiah  
Anil Joshi  
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Leslie Rogan  
(Typed or printed name of person mailing paper or fee)  
Leslie R. Rogan  
(Signature of person mailing paper or fee) 10/10/01  
(Date signed)